

## Abstract

An electronic circuit includes a first semiconductor device (4) and a second semiconductor device (3) on a mounting substrate. The mounting substrate includes a plurality of mounting substrate lines (201 to 204) which are connected in common with external terminals of a plurality of bits of the first semiconductor device and external terminals of a plurality of bits of the second semiconductor device for every bit. The mounting substrate lines have lengths thereof from the external terminals of the first semiconductor device to the external terminals of the second semiconductor device made unequal for respective bits. Assembling lines (361 to 364) which reach connecting electrodes of a semiconductor chip from the external terminals of the second semiconductor device have made lengths thereof unequal for respective bits. Here, the unequal lengths of the mounting substrate lines have a relationship which offsets the unequal lengths of the assembling lines. According to such a constitution, it is unnecessary to set lengths between the external terminals of the second semiconductor device and the connecting electrodes of the semiconductor chip equal.